REMARKS

Claims 19 and 20 have been added herein to explicitly recite the limitations inherent in the earlier version of the claims, but which the Examiner rejected due to the limitations not being explicitly recited. Specifically, the Examiner stated in the Final Office Action, p. 3, item 4, that claims 19 and 20 did not recite that "the index receiver path [is] continuously operative, scanning the index stream for its address, only when matching address is detected in the index data stream is the second receiver path, the broadband primary data receiver activated to extract data." Claims 19 and 20 are amended herein to make explicit these limitations. Additionally, the claims are amended eliminate "means for" language – it is Applicant's express intent that the claims not be interpreted under 35 U.S.C. § 112, paragraph 6. Finally, the precise language from the specification, "input streams" is adopted in the claims to identify the two sets of demodulator/decoders, see Specification, p. 9 last paragraph – p. 10, last paragraph (continuing to p. 11).

New dependent claim 22 has been added, explicitly claiming the extraction and use of start time information from the packet headers in the index signal to enable the buffer, upon detection of the receiver's address. Support for this claim is found in the Specification, p. 10, final paragraph. No new matter has been added.

The claims, as amended herein, patentably define over U.S. Patent No. 4,829,372 to McCalley et al. (hereinafter, "McCalley"). McCalley discloses a presentation player for extracting certain video and audio signals distributed in a CATV system, and directing them to a particular subscriber. The presentation player includes a fixed control channel receiver 68, and a frequency agile broadband receiver 74 (See

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Fig. 3). That is the extent of similarity between McCalley and the present invention –

the two systems are completely different in function and operation, in at least three

respects.

First, the fixed control channel receiver of McCalley receives digitally encoded

control information, including the frequency of a designated, high-speed input channel

within the CATV spectrum. The broadband receiver of McCalley then tunes to this

channel, and selectively extracts data packets to send to the presentation player. col. 9,

lines 18-22. In contrast, the second (broadband) input stream of claim 19 does not

selectively tune to any channel – it receives the entire broadband data signal. Claim 19

recites a "second input stream operative to demodulate and decode a received

broadband primary data signal."

Second, in McCalley it is the broadband receiver that selectively extracts data

packets to send to the presentation player, based on the presentation player's address.

col. 9, lines 22-34. The control channel receiver only instructs the broadband receiver

which channel to tune to; it does not perform the address matching function. Claim 19

recites that the controller in the first input stream matches address information with a

predetermined receiver address, and selectively activates the broadband input stream

in response to thereto.

Third, the broadband receiver of McCalley is continuously operative. Once tuned

to a particular frequency under the command of the control channel receiver, the

broadband receiver demodulates and decodes the tuned channel, and extracts data

packets for the presentation player based on packet addresses. col. 9, lines 18-34.

Claim 19 explicitly recites that the second (broadband) input stream is intermittently

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<u>operative</u>, and is <u>selectively activated</u> by the controller in the first (index data) input stream.

Applicant notes that claims 1, 3-8, 10, and 12-18 and 21 are allowed. The amendments to claims 19 and 20 herein are in direct response to the Examiner's stated reasons for rejection in Response to Arguments. They merely make explicit limitations previously inherent in the claims, and inherent in the system of the above cited claims, as prosecuted to allowance. Thus, no new search is necessary, and Applicants request that the amendments, and new claim 22, be entered.

For the reasons cited above, the claims as amended herein are novel and non-obvious over the cited art. Prompt allowance of all pending claims is therefore respectfully requested.
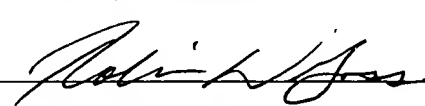
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Amendments in the Claims

In accordance with 37 C.F.R. § 1.121(c), the following versions of the claims as rewritten by the foregoing amendment show all the changes made relative to the previous versions of the claims.

19. (Twice Amended) A receiver for a broadband communication system comprising:

a continuously operative first [signal processing means for demodulating and decoding] input stream operative to demodulate and decode a received narrow band index signal [to extract addressing information contained in said index signal];

[a second signal processing means for demodulating and decoding] an intermittently operative second input stream operative to demodulate and decode a received broadband primary data signal; and

[control means for] a controller in said first input stream operative to monitor said narrow band index signal and, upon detection of addressing information that matches a predetermined address associated with said receiver, to selectively [activating] activate said second [signal processing means based on addressing information in said index signal] input stream to capture and extract data associated with said addressing information from said broadband primary data signal.

20 (Twice Amended) The [communication system] <u>receiver</u> of claim 19 [wherein said receiver] further [includes] <u>comprising</u> an input buffer <u>in said second input stream operative to</u> temporarily [storing] <u>store</u> said received <u>broadband</u> primary data signal before demodulating and decoding portions of said <u>received broadband</u> primary data signal <u>in response to said controller</u>.

21. (New claim) The receiver of claim 20 wherein said controller accesses packet start time information in said received narrow band index signal, and enables said buffer via said packet start time information to capture said data.